Date Report Submitted: _____

ENVIRONMENTAL PROTECTION AGENCY
AIR POLLUTANT EMISSIONS REPORT

SECTION I - GENERAL INFORMATION

FORM APPROVED
OMB NUMBER 158-R75

For Official Use Only:

Date Sent: _____

Date Returned: _____

UTM Grid Coordinates: _____

SIC No.: _____

Source ID: _____

Plant, institution, or establishment name: Ohio Rubber Company

Plant, institution, or establishment address: Ben Hur Avenue (Street or Box Number) Willoughby (City) Ohio (State) 44094 (Zip)

Person to contact regarding this report: Elden A. Spencer Title: Vice President Telephone: 216 942 0500

Mailing address: _____ (Street or Box Number) _____ (City) _____ (State) _____ (Zip)

~~Approximate number of employees at plant, institution, or establishment location: ☐ Less than 100 ☐ 100 or more.~~

~~Elevation of plant, institution, or establishment in relationship to mean sea level: _____ feet above mean sea level, _____ feet below mean sea level.~~

Information is representative of calendar year: 1974

Land area at plant location: 41 acres. Enclose a sketch of layout if there is more than one building.

Plant location: (give nearest cross streets, describe by landmarks or enclose a map, engineering drawing, or sketch) _____

See Geological Survey Map and Departmental Layout Sketch

☐ Air pollutants of the type indicated in the instructions for the completion of this report, i.e., _____ are not emitted at this plant, institution or establishment. Therefore, no other Sections of the report need be completed.

_____ (Signed) _____ (Title)

Please return all sections of this report to: _____

Additional forms may be obtained from the above address.

NOTE: Please read reverse side of this page. Use additional sheets if necessary. Retain last copy.

Date Report Submitted: _____

ENVIRONMENTAL PROTECTION AGENCY
AIR POLLUTANT EMISSIONS REPORT

FORM APPROVED
OMB NUMBER 158-R75

SECTION II - FUEL COMBUSTION FOR GENERATION OF HEAT, STEAM, AND POWER

Plant, institution, or establishment name: Ohio Rubber Company

Normal operating schedule for fuel use: 24 Hours per day 7 Days per week 50 Weeks per year _____ Hours per year.

Dates of annually occurring shutdowns of operations: None. Additional operating information enclosed ☐.

Source[a,e] Code	Number of Combustion Sources[b,e] (Boilers)	Size of Unit (Input) 10^6BTU/hr.	Type of Unit[d,e]	Installation Date[e]	Percent Excess Air Used In Combustion (Design)[e]	Power Output Megawatts[e,f]
II A	1	100.320	Spreader	1946	45	----
II B	1	80.0	Gas-Oil	1968	10	----

a. List a separate code number to represent each source (e.g., II-a, II-b, II-c, etc.), then enter the same code number and the required data on the continuation of this Section on Page 3, and in Sections V and VI.

b. Multiple sources may be grouped if units are similar in size and type, burn the same fuel, or are vented to the same stack.

~~c. Nameplate data are sufficient (give rated or maximum capacity, whichever is greater).~~

d. Hand-fired, underfeed, overfeed, traveling-grate or spreader stoker; cyclone furnace; pulverized, wet or dry bottom with or without fly ash reinjection; rotary or gun type oil burner; etc.

~~e. List separately future equipment and expected date of installation.~~

f. Power generation only.

NOTE: Please read reverse side of this page. Use additional sheets if necessary. Retain last copy.

Date Report Submitted: _____

ENVIRONMENTAL PROTECTION AGENCY
AIR POLLUTANT EMISSIONS REPORT

FORM APPROVED
OMB NUMBER 158-R75

SECTION II - FUEL COMBUSTION FOR GENERATION OF HEAT, STEAM, AND POWER (continued)

Plant, institution, or establishment name: Ohio Rubber Company

Source Code[a]	Type of Fuel[b]	Annual Consumption[c]					Hourly Consumption[d]		Percent Used for Space Heat	Heat Content BTU/Quan.[e]	Percent Sulfure[e,f]	Percent Ash (Solid Fuel Only)[e,f]	Delivered Cost of Fuel $/Quantity	Future Use[g]
		Quantity[d]	Percent Distribution by Season				Maximum	Average						
			Spring March/ May	Summer June/ Aug.	Fall Sept./ Nov.	Winter Dec./ Febr.								
IIA	coal	21,000	25.4	20.0	25.3	29.3	50 ~~5.0~~	2.6	25	13,210	2.77	6.48		
IIB	gas	176,237	26.2	4.0	27.0	42.8	80.800	49.100	25	1,030				
	#2 oil	40,000	0	100	0	0	563	345		142,000				

a. List code numbers corresponding to each source referred to on page 2, (e.g., II-a, II-b, II-c, etc.), then enter required data on this page, and for the same code number sources in Sections V and VI.

b. Coke, bituminous coal, anthracite coal, lignite; No. 1, 2, 4, 5 and 6 fuel oil; natural gas; LPG; refinery or coke oven gas; residual coke; wood; bark; sludge; etc. (Note: Indicate if two or more fuels are burned in the same boiler and provide all data pertinent to each fuel type.)

c. Fuel data are to be reported on an "as burned" basis.

d. Solid fuel, tons; liquid fuel, gallons; gaseous fuel, 1000 cubic feet.

~~e. If unknown, please give name and address of fuel supplier.~~

f. Sulfur and ash content for each fuel should be a weighted average.

g. Estimated percent increase or decrease in fuel usage (by fuel type) per year for the five years after the calendar year for which this report is completed. If increase is due to new equipment, please list this equipment separately on page 2 and the expected fuel use on this page.

NOTE: Please read reverse side of this page. Use additional sheets if necessary. Retain last copy.

Date Report Submitted:_____

ENVIRONMENTAL PROTECTION AGENCY
AIR POLLUTANT EMISSIONS REPORT

FORM APPROVED
OMB NUMBER 158-R75

SECTION III - COMBUSTIBLE SOLID AND LIQUID WASTES DISPOSAL

Plant, institution, or establishment name: Ohio Rubber Company

Combustible solid and liquid wastes disposed of ☐ on site, ☒ off site, ☐ both on and off site. If off site, location of disposal site and/or name of hauler: Geauga Disposal Company. (If disposal of solid and liquid wastes is partly or wholly on site, complete remainder of this page and Sections IV, V and VI; otherwise, skip to Section IV.)

Normal on-site combustion operating schedule: _____ Hours per day _____ Days per week _____ Weeks per year _____ Hours per year.

Seasonal and/or peak operation period: (Specify) _____

Dates of annually occurring shutdowns of operations: _____. Additional operating information enclosed ☐.

Source Code[a]	Waste Material			Method of Disposal[d]	Installation Date	Hourly Burning Rate, lbs.		Auxiliary Fuel Used[e]	Percent Excess Air Used in Combustion (Design)	Future Disposal[f]
	Type[b]	Amount Per Year[c]	Percent Combustible			Average	Maximum			

a. List a separate code number to represent each source (e.g., III-a, III-b, III-c, etc.), then enter required data on this page and for the same code number sources in Section V and VI.
b. Rubbish, garbage, mixed garbage and rubbish, waste paper, wood chips or sawdust, etc.
c. Tons, pounds, or gallons/year.
d. Open burning dump; incinerator, single chamber; etc. (See instructions for examples and use appropriate identification numbers; other non-listed methods, specify.)
e. Indicate whether auxiliary fuel is used in incinerators and pit burning, and the amount.
f. Estimated increase or decrease in combustible solid and liquid wastes disposal rate for the five years after the calendar year for which this report is completed. If increase is due to new equipment, please list this equipment separately.

NOTE: Please read reverse side of this page. Use additional sheets if necessary. Retain last copy.

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ENVIRONMENTAL PROTECTION AGENCY
AIR POLLUTANT EMISSIONS REPORT

FORM APPROVED
OMB NUMBER 158-R75

SECTION IV - PROCESS/OPERATIONS EMISSIONS

Plant, institution, or establishment name: Ohio Rubber Company

Normal operating schedule: 24 Hours per day 5 Days per week 52 Weeks per year _____ Hours per year.

Seasonal and/or peak operation period: none

Dates of annually occurring shutdowns of operations: none. Additional operating information enclosed ☐.

Source Code[a]	Processes or Operations Releasing Pollutants to the Atmosphere[b,c,d]	Date Installation Went on Line	Raw Materials[e] Used for Processes or Operations				Products[g] of Processes or Operations				Intermittent Operation Only: Average Hours/week[h]	Future[j] Increase or Decrease in Process Rate
			Type	Quantity			Type	Annual Average[f]	Quantity			
				Annual Average[f]	Hourly Process Rate, lbs.				Hourly Process Rate, lbs.			
					Design	Maximum			Design	Maximum		
IVA	#1 & 2 Banbury	1938	Rubber cmpd	ton 37,400	12,000	16,000	rubber	ton 37,400	12000	16000	120	
IVB	#3 & 4 Banbury	1940	Rubber cmpd	ton 20,800	10,000	12,000	"	20,800	10000	12000	80	
IVC	#3 & 4 Scales	1940	Rubber cmpd		2,500	3,000	"	5,200	2500	3000	80	
IVD	Furnace	1943		Heating Rubber & Metal			Parts for Reclaiming				5	
IVE	Dept 14 Spray Booth	1950				---	---	Paint	1450 gal	3/4 qt.	1-1/2 gal	120

a. List a separate code number to represent each source (e.g., IV-a, IV-b, IV-c, etc.) then enter required data on this page and for the same code number sources in Sections V and VI.
b. Multiple sources may be grouped if similar in size and type.
c. Sulfuric acid-contact; aluminum smelting-crucible furnace; cement manufacturing-dry process; etc. (See instruction for examples and use appropriate identification numbers; other non-listed processes and operations, specify.)
d. The pollutants to be covered in this report are listed in the accompanying instructions.
e. Sulfur burned; pig, foundry returns, or scrap aluminum melted; limestone, cement rock, clay, iron ore used; etc.
f. Pounds, tons, gallons, barrels, etc.
g. Sulfuric acid produced; aluminum ingots produced; cement produced; etc.
h. For intermittent processes, indicate average number of hours per week of operation so that estimates of yearly emissions may be obtained.
j. Estimated percent increase or decrease in process rate on a total plant basis for the five years after the calendar year for which this report is completed. If increase is due to new equipment, please list this equipment separately.

NOTE: Please read reverse side of this page. Use additional sheets if necessary. Retain last copy.

ENVIRONMENTAL PROTECTION AGENCY
AIR POLLUTANT EMISSIONS REPORT

SECTION IV - PROCESS/OPERATIONS EMISSIONS

Source Code	Processes or Operations Releasing Pollutants to the Atmosphere		Type	Annual Average	Quantity Design	Max.	Intermittent Operation Only; Average Hours/week
IVF	Spray Booth		Adhesive	6500 gal.	1 gal.	1-1/2 gal.	120
IVG	Spray Booth		Adhesive	5000 gal.	2-1/2 gal.	2-1/2 gal.	40
IVH	Spray Booth		Paint	1500 gal.	.4 gal.	1/2 gal.	80
IVi	Spray Booth		Paint	1500 gal.	.4 gal.	1/2 gal.	80
IVJ	Spray Booth		Adhesive	5000 gal.	2 gal.	2-1/2 gal.	40
IVK	Spray Booth		Vinyl Paint	50 gal.	1 lb.	2 lb.	10
IVL)	Spray Booth		Primer	156 gal.	2 lb.	4 lb.	2-1/2
IVL)	Spray Booth		Adhesive	100 gal.	4 lb.	4 lb.	4
IVM	Spray Booth	1970	Primer	780 gal.	4 lb.	5 lb.	30
IVN	Spray Booth	1970	Cement	780 gal.	4 lb.	5 lb.	30
IVO	Oven	1970	Drying Primer		1 lb.	1 lb.	30
IVP	Spray Booth	1970	Primer		2 lb.	1-1/2 lb.	30
IVQ	Spray Booth	1970	Adhesive		2 lb.	2-1/2 lb.	30
IVR	Drying Oven	1970	Primer		2 lb.	2-1/2 lb.	30
IVS	Reclaiming Rubber Rubber Clay-Limestone	1946 3,050	 3,200	 Reclaim Rubber	 3050	 3200	 168

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AIR POLLUTANT EMISSIONS REPORT

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OMB NUMBER 158-R75

SECTION V - AIR CLEANING EQUIPMENT

Plant, institution, or establishment name: Ohio Rubber Company

Source Code[a]	Type of Air Cleaning Equipment[b,c]	Installation Date[c]	Pollutant Removed[c,d]	Efficiency[e]		Inlet Gas Temperature, °F	Inlet Gas Flow Rate,[f] CFM	Exit Gas Pressure, PSI
				Design Percent	Operating Percent			
IIA	Centrifugal Collector	7-1967	fly ash	92	---	540	61,500	0
IIB	None	9-1968	------	--	---	---	----	-
IVA	Fabric Dust Collector	1952	rubber compound	--	---	70	4,600	0
IVB	" "	1950	"			70	25,036	0
IVB	" "	1941	"			---	-----	
ivD	None	----		---	---	---	-----	
IVE	None	----	---	---	----	---	------	

a. List code numbers corresponding to each emissions source reported in Sections II, III, and IV.

b. Wet scrubber, electrostatic precipitator, fabric filter, etc. ~~(See instructions for examples and use appropriate identification numbers; other non-listed type, specify.)~~

~~c. Please list future equipment separately~~.

d. The pollutants to be covered in this survey are specified in the accompanying instructions.

e. Give efficiency in terms of pollutant removed.

f. At actual flow conditions.

NOTE: Please read reverse side of this page. Use additional sheets if necessary. Retain last copy.

Date Report Submitted: _____

ENVIRONMENTAL PROTECTION AGENCY
AIR POLLUTANT EMISSIONS REPORT

FORM APPROVED
OMB NUMBER 158-R75

SECTION V - AIR CLEANING EQUIPMENT

Plant, institution, or establishment name: _____

Source Code[a]	Type of Air Cleaning Equipment[b,c]	Installation Date[c]	Pollutant Removed[c,d]	Efficiency[e]		Inlet Gas Temperature, °F	Inlet Gas Flow Rate,[f] CFM	Exit Gas Pressure, PSI
				Design Percent	Operating Percent			
IVF	NONE							
IVG	NONE							
IVH	NONE							
IVI	NONE							
IVJ	NONE							
IVK	NONE							
IVL	NONE							

a. List code numbers corresponding to each emissions source reported in Sections II, III, and IV.

b. Wet scrubber, electrostatic precipitator, fabric filter, etc. ~~(See instructions for examples and use appropriate identification numbers; other non-listed type, specify c. Please list future equipment separately~~.

d. The pollutants to be covered in this survey are specified in the accompanying instructions.

e. Give efficiency in terms of pollutant removed.

f. At actual flow conditions.

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SECTION V - AIR CLEANING EQUIPMENT

Plant, institution, or establishment name: _____

Source Code[a]	Type of Air Cleaning Equipment[b,c]	Installation Date[c]	Pollutant Removed[c,d]	Efficiency[e]		Inlet Gas Temperature, °F	Inlet Gas Flow Rate,[f] CFM	Exit Gas Pressure, PSI
				Design Percent	Operating Percent			
IVM	NONE							
IVN	NONE							
IVO	NONE							
IVP	NONE							
IVQ	NONE							
IVR	NONE							
IVS	Fabric Dust Collector	1954	clay limestone	--	--	90	750	0

a. List code numbers corresponding to each emissions source reported in Sections II, III, and IV.

b. Wet scrubber, electrostatic precipitator, fabric filter, etc. ~~(See instructions for examples and use appropriate identification numbers; other non-listed type, specify~~

~~c. Please list future equipment separately~~.

d. The pollutants to be covered in this survey are specified in the accompanying instructions.

e. Give efficiency in terms of pollutant removed.

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ENVIRONMENTAL PROTECTION AGENCY
AIR POLLUTANT EMISSIONS REPORT

FORM APPROVED
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SECTION VI - STACK AND POLLUTANT EMISSIONS DATA

Plant, institution, or establishment name: Ohio Rubber Company

STACK DATA							ESTIMATE OF POLLUTANT EMISSIONS[e]			
Source Code[a]	Height Above Grade ft.	Inside Diameter at Top, ft.	Exit Gas Velocity,[b] ft./sec.	Exit Gas Temperature,[b] °F	Exit Gas Flow Rate, CFM[c]		Pollutant[d]	Quantity		
					Average	Maximum		Tons Per Year	Lbs. Per Hour	
									Average	Maximum
IIA	79	75"	40	520	61,500	---	----	----	---	---
IIB	61	50"	34.6	485	20,000	28,200	----	----	---	----
IVA	22	13 sq"	5000	70	4,600					
IVB	---	---	---	--	--	----				
IVC	---	---	---	--	--	----				
IVD	22	14"	---	200	---	---	---	---	---	---
IVD	23	24"	---	400	---	---	---	---	---	---

a. List code numbers corresponding to each emissions source reported in Sections II, III, and IV.

b. Values should be representative of average flow conditions for hours of operation.

c. At actual flow conditions.

d. The pollutants to be covered in this survey are specified in the accompanying instructions.

e. Give stack test data if available (indicate stack sampling method used), otherwise, specify basis used. If unknown, please do not complete these columns.

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SECTION VI - STACK AND POLLUTANT EMISSIONS DATA

Plant, institution, or establishment name: Ohio Rubber Company

STACK DATA							ESTIMATE OF POLLUTANT EMISSIONS[e]			
Source Code[a]	Height Above Grade ft.	Inside Diameter at Top, ft.	Exit Gas Velocity,[b] ft./sec.	Exit Gas Temperature,[b] °F	Exit Gas Flow Rate, CFM[c]		Pollutant[d]	Quantity		
					Average	Maximum		Tons Per Year	Lbs. Per Hour	
									Average	Maximum
IVDc	24	14"	----	200	---	---	----	---	---	---
IVE	26	34"	2100	70		13,280	Perchloroethylene		1lb	3/4
IVF	26	34"	2300	70		14,400	Hexane		8	12
IVG	26	24"	1760	75		5,565	"		24	24
IVH	31	24"	1000	75		3,000	Perchloroethylene		4	4
IVI	31	24"	1000	75		3,000	M.E.K.		4	4
IVJ	31	34	2475	75		15,600	Hexane 45% Toluol 10% Acetone 45%		16	24

a. List code numbers corresponding to each emissions source reported in Sections II, III, and IV.

b. Values should be representative of average flow conditions for hours of operation.

c. At actual flow conditions.

d. The pollutants to be covered in this survey are specified in the accompanying instructions.

e. Give stack test data if available (indicate stack sampling method used), otherwise, specify basis used. If unknown, please do not complete these columns.

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SECTION VI - STACK AND POLLUTANT EMISSIONS DATA

Plant, institution, or establishment name: Ohio Rubber Company

STACK DATA							ESTIMATE OF POLLUTANT EMISSIONS[e]			
Source Code[a]	Height Above Grade ft.	Inside Diameter at Top, ft.	Exit Gas Velocity,[b] ft./sec.	Exit Gas Temperature,[b] °F	Exit Gas Flow Rate, CFM[c]		Pollutant[d]	Quantity		
								Tons Per Year	Lbs. Per Hour	
					Average	Maximum			Average	Maximum
IVK	26	24"	2100	75		6524	water		1	2
IVL	15	34"	1900	75		12000	M.E.K.		3	6
IVM	11	34"	1900	75		12000	Perchloroethylene		3	3
IVN	32	34"	950	75		6000	M.E.K.		3	3
IVO	35	34"	950	75		6000	Perchloroethylene		3	4
IVP	29	12"	2000	75		1600	M.E.K. & Perchloroethylene		1	1
IVQ	28	34"	950	75		6000	Perchloroethylene			

a. List code numbers corresponding to each emissions source reported in Sections II, III, and IV.

b. Values should be representative of average flow conditions for hours of operation.

c. At actual flow conditions.

d. The pollutants to be covered in this survey are specified in the accompanying instructions.

e. Give stack test data if available (indicate stack sampling method used), otherwise, specify basis used. If unknown, please do not complete these columns.

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ENVIRONMENTAL PROTECTION AGENCY
AIR POLLUTANT EMISSIONS REPORT

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SECTION VI - STACK AND POLLUTANT EMISSIONS DATA

Plant, institution, or establishment name: Ohio Rubber Company

STACK DATA							ESTIMATE OF POLLUTANT EMISSIONS[e]			
Source Code[a]	Height Above Grade ft.	Inside Diameter at Top, ft.	Exit Gas Velocity,[b] ft./sec.	Exit Gas Temperature,[b] °F	Exit Gas Flow Rate, CFM[c]		Pollutant[d]	Quantity		
					Average	Maximum		Tons Per Year	Lbs. Per Hour	
									Average	Maximum
IVℓ	15	34"	1900	75		12000	Perchloroethylene		3	3
IVR	29	12"	2000	250		1600	Perchloroethylene & M.E.K.		1	1
IVS_1	14	6"	4000	90		750	Clay-Limestone		--	--
IVS_2	36	62"	3500	90		71900	Heat-Dust		---	--

a. List code numbers corresponding to each emissions source reported in Sections II, III, and IV.

b. Values should be representative of average flow conditions for hours of operation.

c. At actual flow conditions.

d. The pollutants to be covered in this survey are specified in the accompanying instructions.

e. Give stack test data if available (indicate stack sampling method used), otherwise, specify basis used. If unknown, please do not complete these columns.

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